

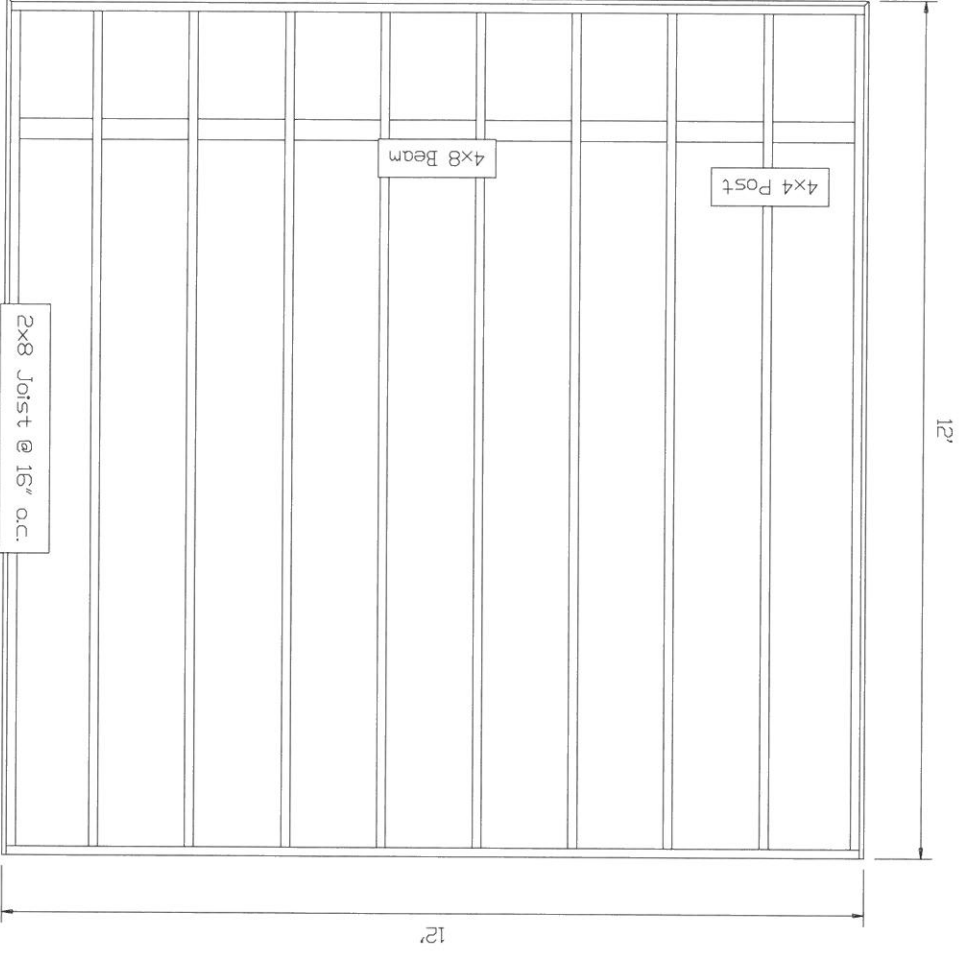
STRESS ANALYSIS

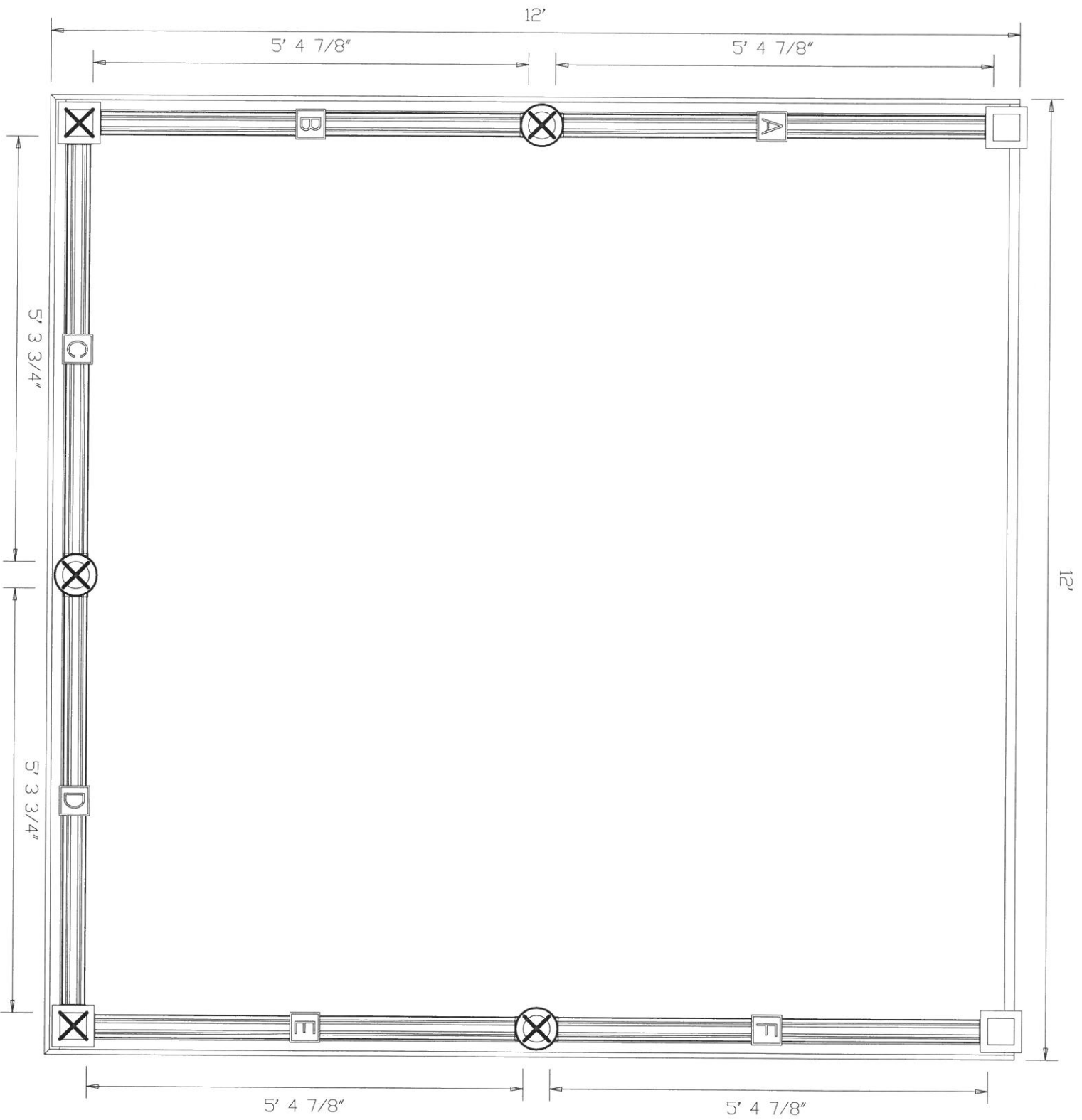
CUSTOMER: GENERIC CUSTOMER  
 DATE: 12/27/17 DESIGN: DECK17361 REF:  
 SALESMAN #

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS	2X8 16"	DEFLECTION BENDING SHEAR COMPRESSION	103 PSF 116 PSF 113 PSF 225 PSF	103 PSF
BEAMS	4X8	DEFLECTION BENDING SHEAR COMPRESSION	262 PSF 152 PSF 106 PSF 334 PSF	106 PSF
POSTS	4X4	STABILITY BEARING	557 PSF 610 PSF	557 PSF
		TOTAL LOAD		103 PSF
		DEAD LOAD		10 PSF
		LIVE LOAD		93 PSF

Plan View  
GENERIC CUSTOMER  
12/27/17  
Ref: Deck17361  
Scale: 3/8" = 1'

Store Name  
123 Street Rd.  
City, ST  
(800) 555 1212



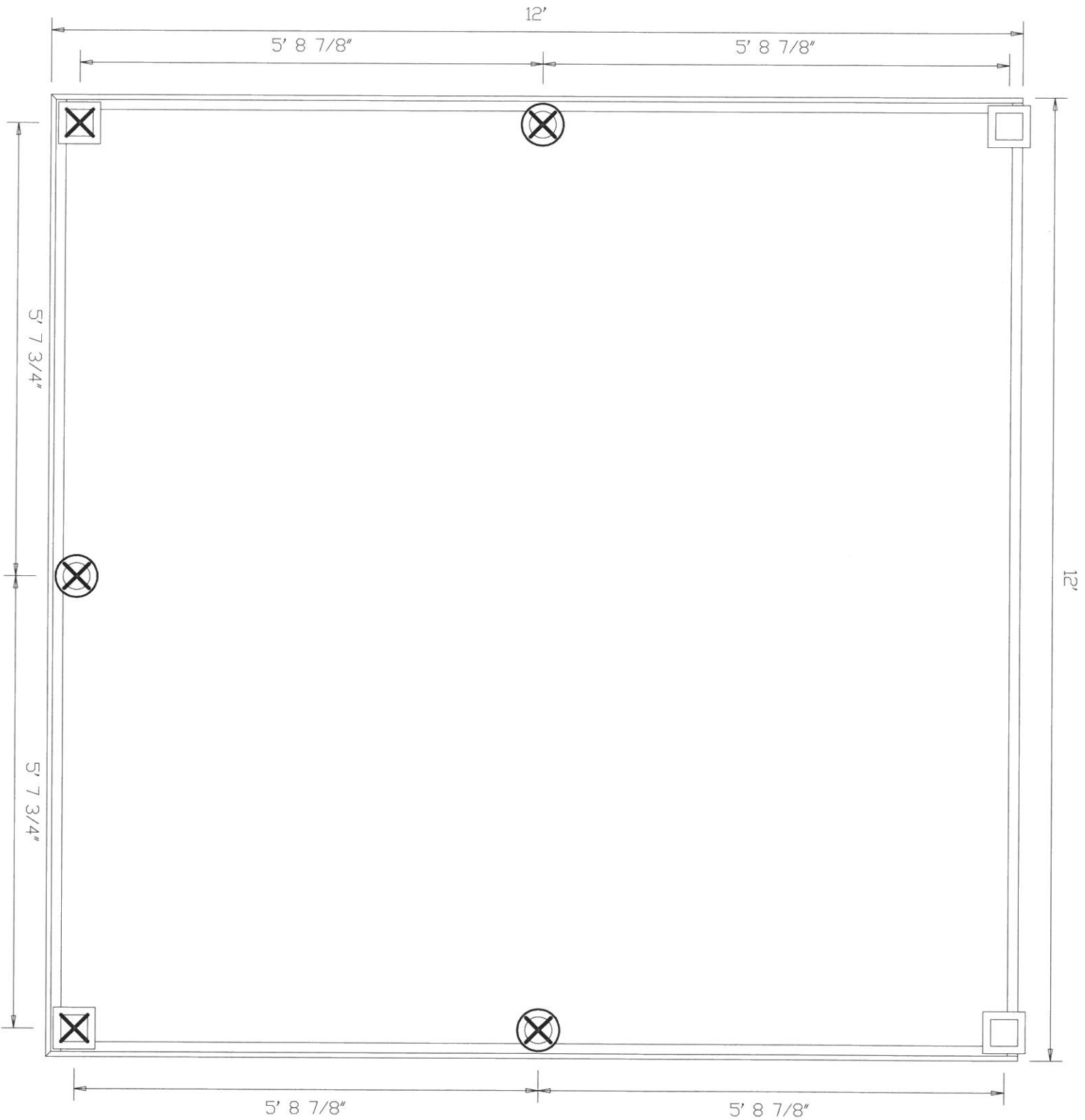


**Rail Layout**

Post	SKU	Description
	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"X42" Post Sleeve, White

Rails Section	X-ref	Cut From
B		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)
F		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)
A		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)
E		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)
C		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)
D		DT-PRO_36SP72L_WH (6' Square Pickets, 36" Level, White)

Design: Deck17361



**Railpost Layout**

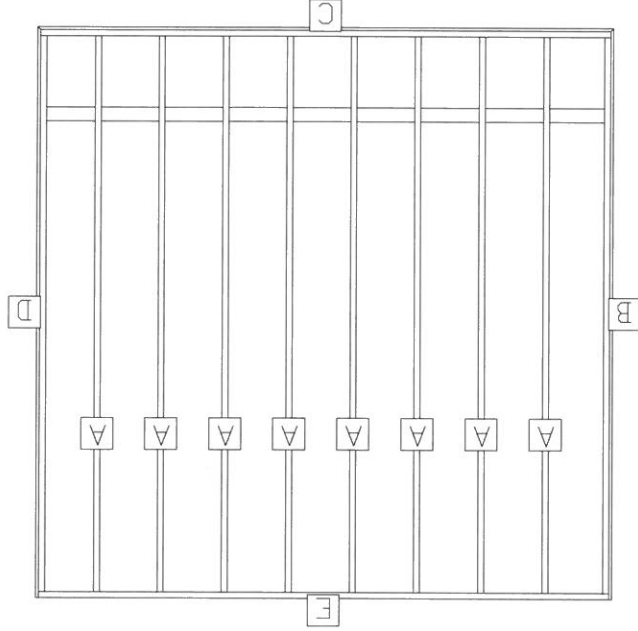
Post	SKU	Description
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White
	DT-PRO4x4PS42_WH	4"X4"x42" Post Sleeve, White

Design: Deck17361

Cut List  
 GENERIC CUSTOMER  
 12/27/17  
 Ref: Deck17361  
 Scale: 1/4" = 1'

Store Name  
 123 Street Rd.  
 City, ST  
 (800) 555 1212

LABEL	LENGTH	BEVELS	LABEL	LENGTH	BEVELS
A Joint (B)	11' 8 1/4"	1)	C rim	11' 10 1/2"	1)
B fascia	12'	1)	D fascia	12'	1)
B rim	11' 8 1/4"	1)	D rim	11' 8 1/4"	1)
C fascia	12'	1)	E rim	11' 10 1/2"	1)



Beam Layout  
 GENERIC CUSTOMER  
 12/27/17  
 Ref: Deck17361  
 Scale: 3/8" = 1'

Store Name  
 123 Street Rd.  
 City, ST  
 (800) 555 1212

Post spacing is measured center-to-center.

BEAM LABEL	BEAM LENGTH	POST COUNT	POST SPACING
A	11' 10 1/2"	3	5' 3 1/2"

